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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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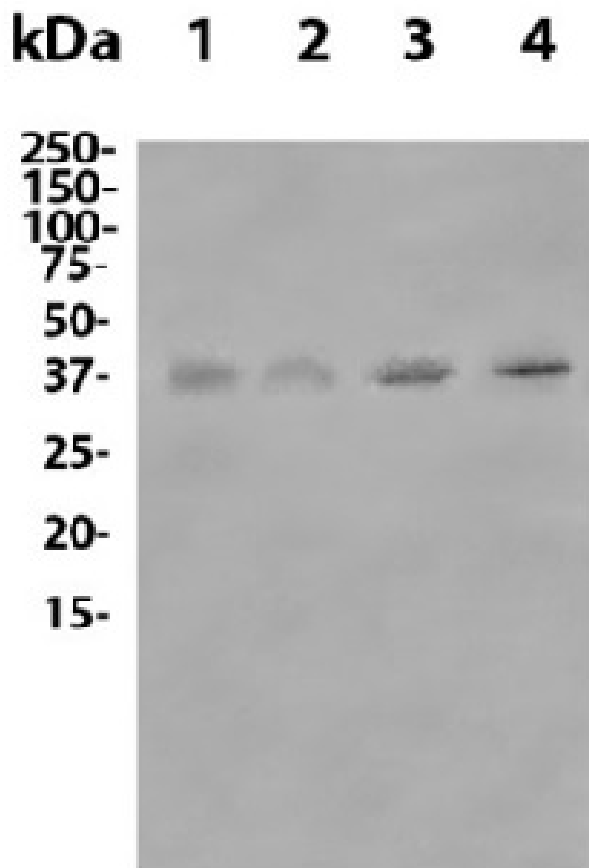
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Anti-Mouse CTLA-4 In Vivo Antibody - Low Endotoxin (9D9) [ICH1096]

SKU: ICH1096

Link: <https://www.ichor.bio/product/anti-ctla-4-in-vivo-antibody-low-endotoxin-9d9-ich1096/>



Product Information

Category: anti-mouse, anti-rat, Low Endotoxin, Ultra Low Endotoxin

Tags: CTLA-4

Size: 1mg, 5mg, 25mg, 50mg, 100mg

Endotoxin Level: Low, Ultra low

Product Description

Product Benefits:

ichorbio's anti-CTLA-4 In Vivo Antibody - Low Endotoxin (9D9) is manufactured in a cGMP compliant, ISO Quality Standard 9001:2015 facility. ichorbio's low endotoxin antibodies have half the endotoxin of comparable antibodies from our competitors (<http://www.ichor.bio/comparing-ichorbio-to-bio-x-cell-biolegend/>) at less than 1.0 EU/mg. If ichorbio's low endotoxin antibodies are not low enough we also offer ultra low endotoxin antibodies which have even less endotoxin (<0.75EU/mg) at an even higher purity (98% versus 95%). ichorbio offers Amazon vouchers or donations to the NC3Rs for reviews of this product: click [here](http://www.ichor.bio/amazon-vouchers/) (<http://www.ichor.bio/amazon-vouchers/>) for more information. ichorbio: the best antibodies for *in vivo* research.

Target:

CTLA-4

Clone:

9D9

Isotype:

Mouse IgG2b

Other Names:

Ctla4, Cytotoxic T-lymphocyte protein 4, CD152

Uniprot:[P09793 \(https://www.uniprot.org/uniprot/P09793\)](https://www.uniprot.org/uniprot/P09793)**Host:**

Mouse

Species Reactivity:

Mouse, Rat

Specificity:

Anti-CTLA-4 In Vivo Antibody - Low Endotoxin (9D9) recognizes an epitope on Mouse CTLA-4

Purification Method:

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Antigen Distribution:

Activated T cells

Background:

Negative regulator of T cell activation

Immunogen:

Unknown

Concentration:

1.0 - 5.0 mg/ml

Formulation:

0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free.

Purity:

>95% by SDS-PAGE and HPLC

>98% by SDS-PAGE and HPLC

Endotoxin:

≤ 1.0 EU/mg as determined by the LAL method

≤ 0.75 EU/mg as determined by the LAL method

Aggregation:

Aggregation level ≤ 5%

Aggregation level ≤ 1%

IMPACT Pathogen Test:

We use the IMPACT test generated by IDEXX Laboratories to guarantee our Ultra Low Endotoxin antibodies are pathogen free. Our mouse antibodies are tested for: Mycoplasma spp. Mycoplasma pulmonis Sendai virus Mouse hepatitis virus Pneumonia virus of mice Minute virus of mice Mouse parvovirus (MPV1-5) Theiler's murine encephalomyelitis virus Murine norovirus Reovirus 3 Mouse rotavirus Ectromelia virus Lymphocytic choriomeningitis virus Polyoma virus Lactate dehydrogenase-elevating virus Mouse adenovirus (MAD1, MAD2) Mouse cytomegalovirus K virus Mouse thymic virus Hantaan virus Corynebacterium bovis Corynebacterium spp. (HAC2)

Storage:

anti-CTLA-4 In Vivo Antibody - Low Endotoxin (9D9) is stable when stored at 2-8°C for at least four (4) weeks. For long term storage aseptically aliquot into working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications:

Western Blot, Functional Assays

in vivo

We recommend using between 50-250µg per mouse when performing *in vivo* research using ichorbio's CTLA-4 low endotoxin antibody clone 9D9. This range is based off the most recent publication data using the 9D9 clone *in vivo*.

Application Notes:

Each investigator should determine their own optimal working dilution for specific applications.

Use:

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

Isotype Control:

[Mouse IgG2b Isotype Control for In Vivo - Low Endotoxin \[MPC-11\]_\(ICH2250\)](http://www.ichor.bio/product/Mouse-IgG2b-Isotype-Control-for-In-Vivo-Low-Endotoxin-MPC-11-ICH2250)
(<http://www.ichor.bio/product/Mouse-IgG2b-Isotype-Control-for-In-Vivo-Low-Endotoxin-MPC-11-ICH2250>).

Related Antibody:

[Anti-CTLA-4 In Vivo Antibody - Ultra Low Endotoxin \[9D9\]_\(ICH1096UL\)](http://www.ichor.bio/product/Anti-CTLA-4-In-Vivo-Antibody-Low-Endotoxin-9D9-ICH1096)
(<http://www.ichor.bio/product/Anti-CTLA-4-In-Vivo-Antibody-Low-Endotoxin-9D9-ICH1096>).

Antibodies against the same target:

[Anti-CTLA-4 In Vivo Antibody - Low Endotoxin \[9H10\]_\(ICH1084\)](http://www.ichor.bio/product/Anti-CTLA-4-In-Vivo-Antibody-Low-Endotoxin-9H10-ICH1084)
(<http://www.ichor.bio/product/Anti-CTLA-4-In-Vivo-Antibody-Low-Endotoxin-9H10-ICH1084>), [Anti-CTLA-4 In Vivo Antibody - Low Endotoxin \[UC10-4F10-11\]_\(ICH1085\)](http://www.ichor.bio/product/Anti-CTLA-4-In-Vivo-Antibody-Low-Endotoxin-UC10-4F10-11-ICH1085)
(<http://www.ichor.bio/product/Anti-CTLA-4-In-Vivo-Antibody-Low-Endotoxin-UC10-4F10-11-ICH1085>), [Anti-CTLA-4 In Vivo Antibody - Ultra Low Endotoxin \[9H10\]_\(ICH1084UL\)](http://www.ichor.bio/product/Anti-CTLA-4-In-Vivo-Antibody-Low-Endotoxin-9H10-ICH1084UL)
(<http://www.ichor.bio/product/Anti-CTLA-4-In-Vivo-Antibody-Low-Endotoxin-9H10-ICH1084>).